

Summary Feedback from Centers on Planned Efforts to Further Reduce Mishap Rates in FY 2001

re: Letter to each NASA Center Director, QS, November 30, 2000

Center	Core Process Requirements				Special	
	Management Commitment and Employee Involvement	System & Work-site Hazard Analysis	Hazard Prevention and Control	Safety & Health Training	Challenge Goal	Voluntary Protection Program
Ames Research Center					With only 3 lost time injuries in the last 42 months improvements are very tough to achieve. In FY 2000 we had 29 reportable injuries, and, although this number is lower than in recent years, we are going to try to reduce this number by 15%.	We have already accepted the challenge to pursue certification under the VPP program and have made significant progress in the past 12 months. We want to attain that status in the latter part of 2001.
Dryden Flight Research Center	Will roll out Safety Performance Accountability program to center during Safety Awareness Days -January 2-5			Rotational assignments of employees, supervisors, and managers into the SMA organization.	Complete Job Hazard Analysis for 25% of shop areas and 50% of office areas in 2001.	By increasing ownership for safety we expect to eventually achieve VPP Star rating.

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Glenn Research Center	Fully implement ASI this year-- implement corrective action needed as identified in PEP survey	Assess approaches to evaluating hazards by capturing behavioral data. Use MORT to determine root causes. Use IRIS to review historical losses in materials handling and correct deficiencies.	Adopt NASA critical lift requirements for high value lift operations.	Awareness campaign - monthly themes	Standardize multiple hazard analysis processes across Center	Star certification planned for summer 2002.
Goddard Space Flight Center	CD serves as the champion for safety at the Center	Starting to train the workforce in the use of tools like TapRoot and MORT to identify root causes of mishaps or close calls. Have implemented a web-based close call and hazard reporting process that will be routinely tracked for proper closure by senior management.	Conducting an "Adjacency Study" to reduce the level of hazards incurred over years of co-mingling dissimilar and mixed hazard occupancy. As the potentials for hazard reductions are identified the corrective actions will be pursued.		Slips, trips and falls accounted for over 50% of last years lost time mishaps so this year that category will be addressed with a view for reducing and positively contributing to the Agency's desired decrease in mishap rate.	

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Headquarters	Establish a collateral duty safety representative program to provide a direct link among managers, employees and the HQ Safety Manager. Establish a HQ Executive Safety Board Focusing on employee and manager responsibility for safety in annual safety inspections.	Thoroughly investigate all mishaps and close calls in order to identify factors to be corrected so as to reduce mishap rate.		Conduct frequent awareness and promotional events to inform work force of the risks in our work and home environments. Conduct safety awareness day around the Memorial Day Holiday. Produce a handbook of safety for managers and employees.	Reduce lost time mishap rate of FY2000 by 50%. Help Agency with data integrity concerns.	In the long term the goal is to pursue Star Certification
Kennedy Space Center	Have reorganized SMA organization to address line accountability. Established a small SMA organization to advise Center Director on program effectiveness. Established an Executive S&H Council to assure management involvement and commitment (both NASA and Contractor) Established a "safety ombudsman"	Pursue vigorously the use of RBAM to assure the identification and control of hazards introduced by the contract instruments.	Establish a facility system safety effort to insure safety is designed in up front to control hazards the proper way.	Pursue the annual Safety day for training and awareness events and classes. Established an informal safety communiqué entitled "Safety on the line" Will pursue an education and awareness program to reduce/eliminate slips, trips and falls as a cause of mishap. Update and enhance the "KSC Area Access Safety Videos"		On December 11, 2000 kicked off the effort to achieve the Star certification for VPP by mid-2002
Jet Propulsion Laboratory	No request sent to JPL.					

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Johnson Space Center	Using leading indicators metrics for assessing safety and health program effectiveness.			Deploy a joint civil service and contractor awareness campaign on slips/trips/falls, muscle strains and repetitive motion injuries. Sustain the campaign throughout the year and repeat. Use behavior-based techniques to lead employees towards safe behaviors (currently evaluating two vendors for behavior-based training campaign). Conducting quarterly intra-SR&QA meetings among civil service and contractor community to discuss mutual interest items in closed environment (went by wayside as an unexpected side effect of pursuit of VPP)		Star certified. Presently maintaining

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White Sands Test Facility	Greater emphasis on in-depth close call root cause analysis and corrective action planning.	Full implementation of job hazard analysis process (recently initiated). Renewed emphasis on system safety review discipline and wider involvement from employees (hourly/technician).	Greater emphasis on in-depth close call root cause analysis and corrective action planning.		Improvement of safety and health training planning and implementation. Implementation of employee safety and health communication plan to facilitate awareness of injury trends and involvement in prevention strategies (topics based on PEP "get well" results).	Successful completion of VPP implementation.

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Langley Research Center	We will continue to stress the importance of safety in our facilities and increase the emphasis on safety in both administrative and the non-hazardous environments.			We are identifying relevant safety training that might help drive the safety message home to employees of the Center both at work and while they are away from the Center. Once the appropriate training has been identified, we will begin training at the Center within the calendar year.		Star certified, building on this strong foundation. Strongly endorse the recommendation that other Centers pursue and obtain VPP certification.
Marshall Space Flight Center	Improve safety communications. Line organization safety meetings are the best means for this to take place. Establish organizational metrics for regular supervisor safety meetings and work place walk throughs. Management will oversee this process through metrics. Goal to achieve a 4.5 score on PEP in next year's performance through each organization plan to improve scores for each element of the survey.		Control of hazardous chemicals through the establishment of a centralized chemical "pharmacy." Single point "cradle-to-grave" control and accountability.	Provide initial safety training to onsite contractors and refresher training to civil service employees. Plant the seed of safety understanding and nourish the attitude that will make employees want to work safely.		By seeking VPP certification we will involve employees and managers in the safety program and drive our program to excellence. Accomplishment to be measured by achieving STAR certification.

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Stennis Space Center	Center Director chairs newly formed Safety Council-- includes GMs from all site contractors-meet monthly to discuss initiatives. Established safety as both a business management and a quality goal for all operations			Have implemented DuPont's STOP program for NASA. Implementation started for one on-site contractor	Increase "Close call " reporting by several orders of magnitude in order to continue zero lost time injury rate of past year.	